

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/623,922
Source: IFWO
Date Processed by STIC: 05/12/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 05/12/2006

PATENT APPLICATION: US/09/623,922

TIME: 09:09:34

Input Set : A:\1941.017US1 - Sequence Listing.txt

Output Set: N:\CRF4\05122006\I623922.raw

4 <110> APPLICANT: Papadopoulos, Vassilios
5 Li, Hua
6 Samaritan Pharmaceuticals, Inc.
7 Georgetown University
9 <120> TITLE OF INVENTION: Cholesterol Recognition Sequence
12 <130> FILE REFERENCE: 1941.017US1
14 <140> CURRENT APPLICATION NUMBER: 09/623,922
15 <141> CURRENT FILING DATE: 2000-09-11
17 <150> PRIOR APPLICATION NUMBER: PCT/US99/05853
18 <151> PRIOR FILING DATE: 1999-03-12
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 7
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: A synthetic peptide
32 <400> SEQUENCE: 1
33 Leu Asn Tyr Tyr Val Trp Arg
34 1 5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 7
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: A synthetic peptide
45 <400> SEQUENCE: 2
46 Leu Asn Tyr Cys Val Trp Arg
47 1 5
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 4
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: A synthetic peptide
58 <400> SEQUENCE: 3
59 Leu Asn Tyr Arg
60 1
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 9
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence

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70 <220> FEATURE:
71 <223> OTHER INFORMATION: A synthetic peptide
73 <400> SEQUENCE: 4
74 Val Ala Tyr His Gln Tyr Tyr Gln Arg
75 1 5
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 8
80 <212> TYPE: PRT
81 <213> ORGANISM: Mus musculus
83 <400> SEQUENCE: 5
84 Val Leu Asn Tyr Tyr Val Trp Arg
85 1 5
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 7
90 <212> TYPE: PRT
91 <213> ORGANISM: Rattus norvegicus
93 <400> SEQUENCE: 6
94 Leu Asn Tyr Tyr Val Trp Arg
95 1 5
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 7
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 7
104 Leu Asn Tyr Cys Val Trp Arg
105 1 5
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 4
110 <212> TYPE: PRT
111 <213> ORGANISM: Bovine
113 <400> SEQUENCE: 8
114 Leu Asn Tyr Arg
115 1
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: Rattus norvegicus
123 <400> SEQUENCE: 9
124 Val Ala Tyr His Gln Tyr Tyr Gln Arg
125 1 5
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 9
130 <212> TYPE: PRT
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 10
134 Val Ala Tyr His Gln Tyr Tyr Gln Arg
135 1 5
138 <210> SEQ ID NO: 11
139 <211> LENGTH: 9

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```

140 <212> TYPE: PRT
141 <213> ORGANISM: Porcine
143 <400> SEQUENCE: 11
144 Val Ala Tyr His Glx His Tyr Gln Lys
145 1 5
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 7
150 <212> TYPE: PRT
151 <213> ORGANISM: Mus musculus
153 <400> SEQUENCE: 12
154 Leu Asn Glu Tyr His Thr Arg
155 1 5
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 8
160 <212> TYPE: PRT
161 <213> ORGANISM: Mus musculus
163 <400> SEQUENCE: 13
164 Val Thr Lys Tyr Trp Phe Tyr Arg
165 1 5
168 <210> SEQ ID NO: 14
169 <211> LENGTH: 8
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 14
174 Val Phe Tyr Val Ile Glu Thr Arg
175 1 5
178 <210> SEQ ID NO: 15
179 <211> LENGTH: 8
180 <212> TYPE: PRT
181 <213> ORGANISM: Mus musculus
183 <400> SEQUENCE: 15
184 Leu Phe Ile Tyr Ser His Phe Lys
185 1 5
190 <210> SEQ ID NO: 16
191 <211> LENGTH: 11
192 <212> TYPE: PRT
193 <213> ORGANISM: Mus musculus
195 <400> SEQUENCE: 16
196 Leu Cys Ala Gly Ser Ser Tyr Arg His Met Arg
197 1 5 10
200 <210> SEQ ID NO: 17
201 <211> LENGTH: 12
202 <212> TYPE: PRT
203 <213> ORGANISM: Rattus norvegicus
205 <400> SEQUENCE: 17
206 Val Tyr Lys Glu Met Tyr Lys Thr Asp Leu Glu Lys
207 1 5 10
210 <210> SEQ ID NO: 18
211 <211> LENGTH: 9

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```

212 <212> TYPE: PRT
213 <213> ORGANISM: Rattus norvegicus
215 <400> SEQUENCE: 18
216 Val Leu Cys Thr Tyr Val Val Ser Arg
217 1 5
220 <210> SEQ ID NO: 19
221 <211> LENGTH: 9
222 <212> TYPE: PRT
223 <213> ORGANISM: Streptococcus
225 <400> SEQUENCE: 19
226 Val Ser Leu Tyr Leu Ala Ile Thr Lys
227 1 5
230 <210> SEQ ID NO: 20
231 <211> LENGTH: 11
232 <212> TYPE: PRT
233 <213> ORGANISM: Mus musculus
235 <400> SEQUENCE: 20
236 Val Thr Glu Gly Met Tyr Ala Phe Cys Tyr Arg
237 1 5 10
240 <210> SEQ ID NO: 21
241 <211> LENGTH: 8
242 <212> TYPE: PRT
243 <213> ORGANISM: Norcardia
245 <400> SEQUENCE: 21
246 Val Thr Glu Ala Tyr Arg Gln Arg
247 1 5
252 <210> SEQ ID NO: 22
253 <211> LENGTH: 10
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
257 <400> SEQUENCE: 22
258 Leu Ser Pro Tyr Asn Lys Gly Leu Ile Arg
259 1 5 10
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 9
264 <212> TYPE: PRT
265 <213> ORGANISM: Rabbit
267 <400> SEQUENCE: 23
268 Val Val Asp Tyr Ile Asp Glu Gly Arg
269 1 5
272 <210> SEQ ID NO: 24
273 <211> LENGTH: 28
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: A synthetic primer
280 <400> SEQUENCE: 24
281 atatatacat atgcctgaat cctgggtg 28
283 <210> SEQ ID NO: 25

```

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```

284 <211> LENGTH: 26
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: A synthetic primer
291 <400> SEQUENCE: 25
292 atactcgagt gggatgccttc actctg 26
294 <210> SEQ ID NO: 26
295 <211> LENGTH: 13
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: A synthetic peptide
302 <220> FEATURE:
303 <221> NAME/KEY: SITE
304 <222> LOCATION: 1
305 <223> OTHER INFORMATION: Xaa = a neutral and hydrophobic amino acid
307 <220> FEATURE:
308 <221> NAME/KEY: SITE
309 <222> LOCATION: 2-6
310 <223> OTHER INFORMATION: Xaa = is either absent or any amino acid
314 <220> FEATURE:
315 <221> NAME/KEY: SITE
316 <222> LOCATION: 7
317 <223> OTHER INFORMATION: Xaa = a neutral and polar amino acid
319 <220> FEATURE:
320 <221> NAME/KEY: SITE
321 <222> LOCATION: 8-12
322 <223> OTHER INFORMATION: Xaa = is either absent or any amino acid
324 <220> FEATURE:
325 <221> NAME/KEY: SITE
326 <222> LOCATION: 13
327 <223> OTHER INFORMATION: Xaa = a basic amino acid
329 <400> SEQUENCE: 26
W--> 330 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
331 1 5 10

```

RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13

VERIFICATION SUMMARY

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L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0